

Operable Unit 4

Silos Project

March 1997

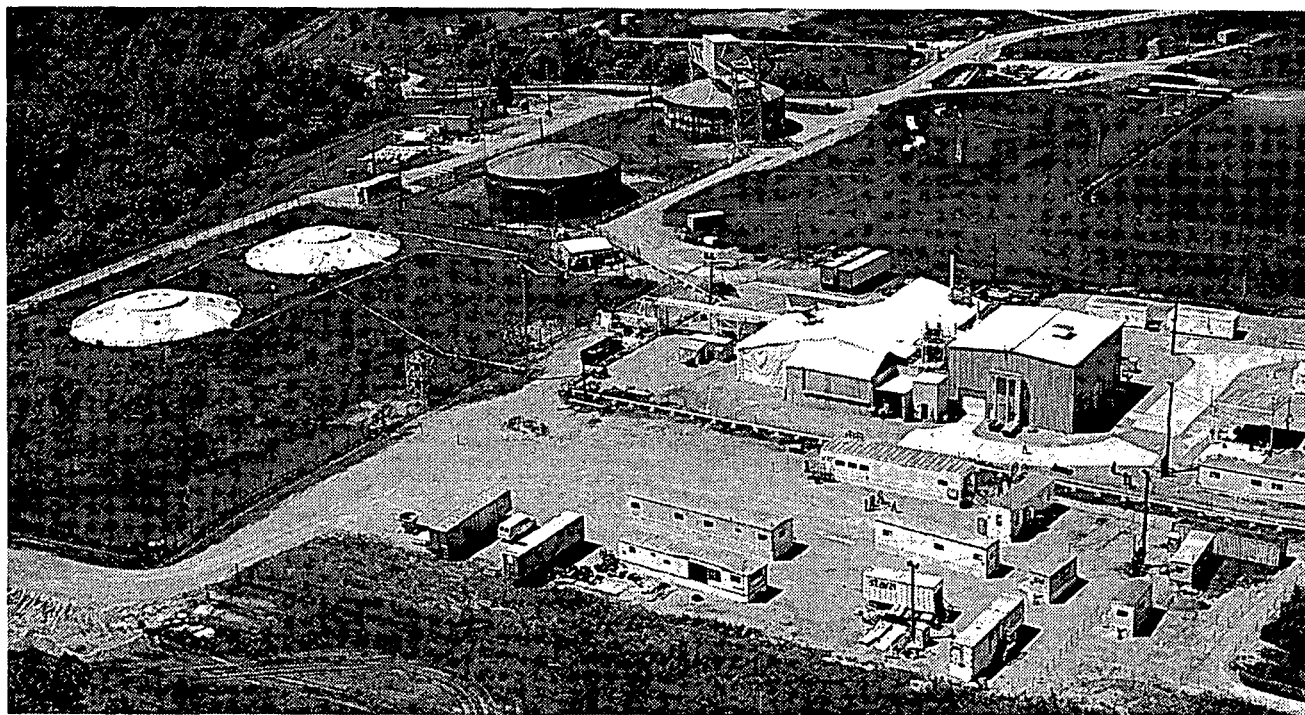
Operable Unit 4

Operable Unit 4 – the Silos Project -- is one of five areas being remediated at DOE's Fernald Environmental Management Project (FEMP). Each operable unit was defined based on its location or the potential for similar technologies to be used in the ultimate cleanup.

Located on the western periphery of the FEMP, Operable Unit 4 includes Silos 1 and 2 (K-65 Silos), Silo 3 (metal oxide silo), unused Silo 4, and ancillary structures. Operable Unit 4 remediation will address each of these structures, as well as any contaminated soils within the geographic boundary, and any contaminated perched water encountered during Operable Unit 4 remedial activities.

Silos 1 and 2, commonly called the "K-65 Silos," contain radium-bearing, low-level radioactive wastes dating back to the 1950s. In 1964, the two silos were reinforced with an earthen berm, which was upgraded in 1983.

Other improvements include a 30-foot cap on top of the silo domes, installed for added protection, and a polyurethane foam coating applied over the domes for weather protection. A silo headspace radon treatment system was also constructed, and radon monitors were installed around the FEMP boundary and in the immediate vicinity of Silos 1 and 2. Silo 3 contains dried uranium-bearing wastes. Silo 4 is empty.



Located on the western periphery of the FEMP, Operable Unit 4 – the Silos Project – includes Silos 1 and 2 (K-65 Silos) shown with the white domes; Silo 3 (metal oxide silo), unused Silo 4, shown with a steel superstructure over it; and ancillary structures. The building in the photo is the Vitrification Pilot Plant (6385-142).

Public Workshop on Silos Project to be Held May 14

DOE will hold a public workshop on May 14, beginning at 7 p.m., at the Plantation in Harrison. The focus of the workshop will be the path forward for Silo 3 remediation. DOE and Fluor Daniel Fernald representatives will present various technological alternatives and will request feedback in determining the best path forward.

The decision-making and associated public involvement process for the remediation of Silo 3 will also be discussed. This workshop will be the first in a series of opportunities for the public to become involved with the new direction for the remediation of the FEMP's Silos Project. For more information about the meeting, please call DOE Public Information Director Gary Stegner, 513-648-3153.

For More Information

For specific questions regarding Operable Unit 4, contact Nina Akgunduz, DOE-FEMP Operable Unit 4 branch chief, 513-648-3110; or send an e-mail message to Nina_Akgunduz@fernald.gov.

For more information about the PEIC and its resources, call Rene Eichhold, 513-738-0164, or send an e-mail message to Rene_Eichhold@fernald.gov.

